



# Algebra 1 Syllabus

## 2021-22

### COURSE DESCRIPTION:

GSE Algebra 1 will allow students to gain a foundation in linear, quadratic, and exponential functions. Students will also gain a deeper understanding of key characteristics of functions such as domain, range, intercepts, increasing/decreasing, relative maximum/minimum, symmetry, end behavior, and the effect of function parameters.

### COURSE OUTLINE AND CONTENT:

The high school mathematics standards are organized around five conceptual categories: number and quantity, algebra, functions, geometry, and statistics and probability. The standards call on students to practice applying mathematical ways of thinking to real world issues and challenges; they prepare students to think and reason mathematically. The following units will be taught in this course:

Unit 1: *Quantities and Expressions*

Unit 2: *Linear Equations and Inequalities*

Unit 3: *Function Fundamentals*

Unit 4: Linear Functions

Unit 5: Exponential Functions

Unit 6: Quadratic Functions

Unit 7: Compare and Contract

Unit 8 Describing Data

### CONTACT INFO:

#### Email:

[angel.howell@henry.k12.ga.us](mailto:angel.howell@henry.k12.ga.us)

#### Google Voice:

#### Website:

<https://schoolwires.henry.k12.ga.us/Domain/1669>

#### Contact Hours:

8am-3:30pm, Monday thru Friday; Best reached by email

### Supply List

- County Issued Chrome Book
- Henry County Student Gmail and Google Suit (Classroom, Docs, Slides, etc.)
- HMH Algebra 1 Textbook
- (access in Class Link)
- Headphones/Earbuds
- Pens/pencils/highlighter
- Note taking materials of your choice--(Examples: Paper and a binder, spiral notebook, etc.)
- Casio Fx-115ES Plus Calculator

*The only way to learn mathematics is to do mathematics*  
~Paul Halmos



## GRADING:

### Weights

- 40% - Minor assessments (weekly grades, ticket out the door, warmups, homework, quizzes, etc.)
- 40% - major assessments (mid-unit and unit test)
- 20% - final exam

### Make-up/Late Work Policy

It is the student's responsibility to complete their make-up work. All notes and practice work completed in class can be found on Google Classroom. The Henry County BOE make-up policy will be followed. Late work will only be accepted if discussed IN ADVANCE with your teacher and for no higher grade than a 70. This policy applies to those assignments that are submitted blank in Google Classroom.

### Unit Repair Policy

Students may request to revise or remediate a test with a grade below 70 by sending me an email or Remind request within 2 school days of the date it is returned to them in Google Class or posted on Infinite Campus. There will be specific expectations for remediation prior to Unit Repair Test and test will be taken outside of class time. Repair expectations will be provided upon request and test must be taken within 1 week of initial test. There may also be other opportunities for repair provided without having to complete unit repair, such as test corrections.

**CHECK INFINITE CAMPUS WEEKLY FOR GRADE UPDATES ([LINK](#))**

## Parent's Corner

1. Agree to provide a "distraction-free" environment during the school day for your student. Ex: Put away non-academic electronics, turn off TVs, music, etc.
2. Create a designated work space in a quiet area, such as an office, table, or desk. All supplies should be nearby and organized.
3. Check your student's grades regularly.
4. Students AND parents should make it a habit to check their emails once per school day.
5. Feel free to contact me with any questions.
6. You may also join the Remind which will be a great way to communicate with me as well as keep up with my gentle reminders to the class.

## Basic Classroom Rules

- Identify a suitable workspace free of distractions
- Minimize background noise
- Be dressed appropriately for school
- Turn on camera during instruction and in groups
- Log into Google Meet prior to class start time
- Be Respectful to Teacher and Classmates
- Use positive feedback in comments
- Actively Participate in our virtual classroom
- Complete and submit assignments
- Ask questions for understanding
- Answer questions to show understanding
- Take notes and keep them organized
- Stay focused in class
- Seek tutoring if you don't understand



## ADDITIONAL COURSE POLICIES

- Students must use their Henry County issued student chromebook each day for class Google Meets. You may NOT use your personal computer. During our class meets, students will often have time to work on assigned tasks, and I will use Go Guardian to assist them individually and view their screens as they work. This will only work if they are on their Chromebook or logged into their Henry Google Account.
- Students must be logged in to their Henry County student gmail account to join class meets. I will not admit students logged in to personal accounts to a class meet.
- Students should check the Stream in Google Classroom for daily announcements. If a meet is ever cancelled for any reason, this is where you will find instructions and information for the day's work.
- Students should log in to all Google Meets at the start time, ready to work with all materials accessible. Attendance will be taken in every Google Meet.
- Cameras are encouraged to be used in class. It is very difficult as a teacher to judge your understanding without that interaction. There will be times when the camera is not needed, such as independent work time. I will let you know when it is appropriate to turn cameras off.
- Mics should be muted at all times during Meets unless I have called on you to speak or have asked for feedback or questions. Students may "raise their hand" any time during a lesson by letting me know they have a question or contribution to make by typing in the chat box.
- Students are expected to take notes during all lessons without being asked to do so. This will be the key to success!!
- I expect all students to treat each other and me with respect at all times. This includes during discussions both verbal and written as well as in any email or text exchanges we may have.
- It is the responsibility of the student to make sure that they have all technology needed to participate fully in class. If there is ever an issue with your Chromebook, it is your responsibility to report it to me AND the front office at Impact Academy immediately, so that it can be fixed.
- If you are absent from class, it is your responsibility to check Google Classroom for the day's work that you missed and to view any instructional recordings that may be posted.
- It is the student's responsibility to reach out to me if they have any questions about how to complete an assignment as soon as possible.

I have read and understand the grading policy and syllabus for Algebra 1.

Please print student's name:

Please sign (type), date and include parent email address. Thank you!

Parent/Guardian Signature

Date

Email Address

Student Signature

Date